

# Data Sheet

We make sure

FUJITSU COMPUTERS  
SIEMENS

## AMILO Xi 2528

### X-treme multimedia x-perience

Issue August 2007

Pages 3

**Do you need a computer that offers you the comfort of a desktop PC but also gives you the opportunity to go wherever you want? Then have a closer look on the AMILO Xi 2528.**

Get in touch with your friends spread around the globe via video telephoning due to the integrated webcam and the integrated microphone. You just need to plug in your AMILO Xi 2528 wired or wireless to a good Internet connection. Watch your favorite DVD on the big screen in your living room or enjoy the new album of your favorite artist that you bought yesterday, while waiting for your best friend to go out.

You want to join a LAN party with your gaming community? Just pack your AMILO Xi 2528 in its protection bag, go to the party, connect it to the network, step into the game and reach the high-score.

The AMILO Xi 2528 is fully prepared for any kind of entertainment and multimedia. You will never miss your bulky PC again.

#### Features

- Latest Intel® Centrino® Duo processor technology with Intel® Core™ 2 Duo processor up to T7700
- NVIDIA® GeForce® 8600M GS with 256MB dedicated video RAM supporting HDMI and VGA interface
- Enjoy your favorite Hollywood blockbuster on an external display via HDMI (HDCP support)
- Enjoy the comfort of the multimedia LightTouch™ bar and the integrated remote control
- 17-inch widescreen LCD display with BrilliantView technology for vivid colors, amazing sharpness and impressive contrast
- Integrated webcam (1.3 mega pixels) and built-in array microphone are perfect for Internet telephoning (VoIP) and video chats
- Enjoy your music collection in high quality with the integrated speaker and subwoofer
- Charge your external devices via an USB port with charge functionality, also if the notebook is switched off
- Up to 2GB memory for quick response times and optional with Intel® Turbo memory that makes your notebook even quicker
- Ultimate storage capacity and optional Raid 0/1 functionality (if two HDDs are used)
- Best working conditions due to silent mode functionality and a keyboard with numeric pad
- Bluetooth® 2.0 for cordless connectivity to your mobile phone, headset, etc.
- Windows Vista® Home Premium and Application Software



**Operating system**

Windows Vista® Home Premium

**Fujitsu Siemens Computers recommends  
Windows Vista® Home Premium****Optional Application Software**

Microsoft® Works  
Vista DVD Playback Pack  
Nero 7 Essentials CD/DVD burn software  
Adobe Reader  
CyberLink Power DV (webcam software)  
Norton Internet Security 2007  
Country specific Internet Service Providers  
Fujitsu Siemens hard disk based recovery

Manual (on hard disk), safety guide and warranty guide

**Drivers and Utility**

Drivers and utility DVD included (optional)  
Hard disk based recovery  
Updates downloadable at  
<http://www.fujitsu-siemens.com>

**System, processor, architecture**

Chipset: Intel 965PM+ICH8-M

CPU: Intel® Core™ 2 Duo processor  
T7100 (1.8GHz, 800MHz FSB, 2MB L2 cache)  
T7300 (2.0GHz, 800MHz FSB, 4MB L2 cache)  
T7500 (2.2GHz, 800MHz FSB, 4MB L2 cache)  
T7700 (2.4GHz, 800MHz FSB, 4MB L2 cache)

**Memory**

2 SO-DIMM memory slots (no memory on board)

512MB DDR2 667MHz

1GB DDR2 667MHz

Optional with 1GB Intel® Turbo Memory

**Storage devices/drives****HDD:**

SATA HDD with 8MB Cache:  
120, 160, 200 or 250GB SATA hard disk

RAID options (if two HDDs are available):

RAID 0 (stripe set for performance)

RAID 1 (mirroring for security)

RAID off (2 physical HDDs)

**ODD:**

8x Multi-format DVD writer with Double Layer

Read speed: CD-ROM 24x, DVD-ROM 8x

Write speed: CD-R 24x, CD-RW16x, DVD+R8x,  
DVD-R 8x, DVD+RW 6x, DVD-RW 6x,  
DVD+R DL (Double Layer 8.5GB) 2,4x,  
DVD -R DL (Double Layer 8.5GB) 4x

**Display**

17.0" LCD WXGA+ display with BrilliantView technology

Resolution (physic.): 1440 x 900

ISO 13406-2 class II

**ACPI functions**

S1 LCD off  
S3 save to RAM  
S4 save to disk  
S5 complete off  
Silent Mode

**Graphics**

NVIDIA® GeForce® 8600M GS  
with 256MB DDR2 dedicated video RAM and up to 767MB  
TurboCache<sup>1</sup> (HDMI and VGA interface)  
(Benchmark: 3D Mark 2006: up to 2200 points)

**MXM-II technology:**

High performance ultra-threaded 3D graphics engine;  
Advanced Shader Model 3.0 support, for realistic mobile  
gaming;  
Pure Video<sup>TM</sup> Video Engine, for superior quality pictures  
and videos;  
NVIDIA® PowerMizer® 6.0 for extended battery life

**I/O Interfaces**

1x HDMI (with HDCP), 1x VGA,  
1x S-Video out, 1x IEEE1394, 1x CIR  
1x eSATA  
3x USB 2.0 ports (1x USB with charge functionality),  
1x Modem, 1x LAN, 1x WLAN, 1x BT  
1x ExpressCard slot (34/54mm)  
1x headphone-out combined with SP/DIF  
1x microphone-in  
1x line-in  
1x power supply  
1x 5-in-1 card reader SD/MS/MMC/MS pro/xD-picture card

**Communications**

Built-in 56K, V.92 fax modem

10/100/1000Mbps LAN

Integrated Bluetooth® 2.0

Integrated Wireless LAN (WLAN) solution 802.11a/b/g/n:

- Intel® PRO/Wireless 4965 AGN
- speeds up to 270Mbps (5x faster than a/g)
- industry standard wireless LAN security support
- Intel® Intelligent Scanning Technology for optimal power management

For use in BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY, NL

**Audio**

Support of HD audio for SP/DIF output with up to 7.1 channels (up to 24bit /192kHz),

2 built-in high-quality stereo speakers (2x 2W) and  
1 Subwoofer (3W), built-in array microphone, microphone-in,  
stereo line-in, headphone-out shared with SP/DIF  
support;

1x volume regulator

(integrated in multimedia LightTouch<sup>TM</sup> bar)

**Webcam**

1.3 Mpixel, auto focus, automatic brightness adjustment  
with status LED (on/off/busy)

**Launch Keys**

Multimedia LightTouch™ bar with 8 Launch Keys located on top of the keyboard enabling the user to launch the following applications:

- Multimedia buttons (rewind, play, forward, stop, mute, Volume up/down)
- Windows Vista™ media player
- Silent Mode (reduce noise level / fan speed, by reducing the CPU performance)  
(Office applications, Internet and DVD playback are not affected)

**Hot Keys**

The following hot keys or key combinations are available:

- |        |                             |
|--------|-----------------------------|
| Fn-F3  | Mute                        |
| Fn-F4  | Decrease speaker volume     |
| Fn-F5  | Increase speaker volume     |
| Fn-F6  | Touchpad on/off             |
| Fn-F7  | Webcam on / off             |
| Fn-F8  | Decrease display brightness |
| Fn-F9  | Increase display brightness |
| Fn-F10 | Switch display internal     |
| Fn-F12 | Sleep                       |

**Pointing device & control buttons**

Touchpad with left and right mouse button

Touchpad disable functionality (Fn-F6)

Power button / lid switch

**Status indicator**

The notebook has 9 status icons:

- Caps lock
- Num lock
- Scroll lock
- Media activity (ODD/HDD)
- Power status
- Battery status (charging / full / low)
- Suspend
- Touchpad disable
- RF on/off

**Security**

Supervisor password

Kensington Lock

**Power system**

Li-Ion battery: 6 cells, 14.8V / 2200mAh  
approximately 2h battery runtime, depending on usage<sup>2</sup>

Dynamic charge supported

ACPI 2.0 supported

External universal AC adapter: 100 - 240V AC, 50 - 60Hz

Output: 90W with 20V DC, 4.5A

**Dimensions and weight**

Dimensions (H x W x D): ~35.6 - 38.5 x 408 x 291mm

Weight: 4.0kg<sup>3</sup>

**Operating conditions**

Operational: 5°C to 35°C (ambient temperature)

10% to 90% relative humidity, non-condensing

AC input: 100 - 240V, 50 - 60Hz

Noise level (ISO9296 – Blauer Engel):

Idle mode: <= 4,8db

Full operation mode: <= 38db

**Certifications**

CE Marking

R&TTE (WLAN, Bluetooth)

GOST

**Accessories (included)**

Protection bag for notebook (incl. space for AC adapter)

26 key Vista remote control (size of ExpressCard,  
shipped in slot)

AC adapter 90W

Main battery (6-cell)

**Accessories (optional)**

AC adapter 90W

Main battery 6-cell

Car adapter

**Warranty**

Country specific terms

1) The total of local and shared system memory used by the GPU.

Local graphic on-board memory is 256MB VRAM

TurboCache:

- 1024MB system memory enables up to 512MB static and shared memory
- 2048MB system memory enables up to 1024MB static and shared memory.

2) Battery life may vary depending on product model, configuration, applications, power management settings and features utilized.  
Recharge time varies depending on usage. The recharge capacity may decrease after some months so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook.

3) Weight may vary depending on actual configuration